

Title (en)

Delayed-release shaped bodies for use in toilets

Title (de)

Geformte Körper mit verzögerter Freisetzung zur Verwendung in Toiletten

Title (fr)

Corps à forme à libération retardée pour une utilisation dans les toilettes

Publication

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Application

EP 09153787 A 20090226

Priority

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Abstract (en)

The invention pertains to a shaped body suitable for use as acid-releasing body in toilets, which comprises 10-95% of a lactic acid oligomer with an average degree of polymerization between 1.8 and 4. The use of lactic acid oligomers of this type results in the controlled release of lactic acid, which serves to reduce or prevent to the formation of calcium and magnesium deposits in the toilet, contributes to soap scum removal, and has a sanitising and disinfecting effect. The shaped bodies may be used in-bowl or in-cistern. A process for manufacturing the shaped bodies, their use in a toilet, a process for ensuring delayed release of lactic acid, and a toilet provided with the block are also claimed.

IPC 8 full level

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Citation (applicant)

- US 5110868 A 19920505 - BELLIS HAROLD E [US], et al
- US 4115309 A 19780919 - KRAUSE HORST-JURGEN, et al

Citation (search report)

- [A] US 4115309 A 19780919 - KRAUSE HORST-JURGEN, et al
- [A] WO 2007107750 A1 20070927 - RECKITT BENCKISER INC [US], et al
- [A] WO 9212228 A1 19920723 - DU PONT [US]
- [A] EP 1894990 A1 20080305 - PROCTER & GAMBLE [US]

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